

PRODUCT INFORMATION

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|---|---|
| Target | PTGFRN |
| Synonyms | CD9P-1;CD315;EWI-F;FPRP;SMAP-6 |
| Description | Recombinant Human PTGFRN Protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q9P2B2 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | PTGFRN(Val26-Lys830) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 91.0 kDa after removal of the signal peptide. The apparent molecular mass of PTGFRN-His is approximately 100-130 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur (By similarity). In myoblasts, associates with tetraspanins CD9 and CD81 to prevent myotube fusion during muscle regeneration (By similarity).[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |



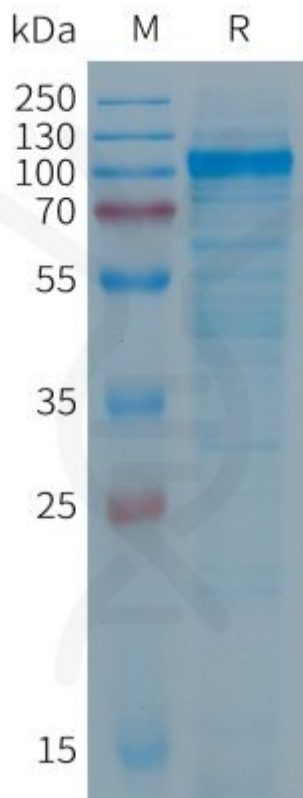


Figure 1. Human PTGFRN Protein, His Tag on SDS-PAGE under reducing condition.

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